

IDEA-7061-63/a

[Redacted]

25X1A

February 15, 1963

25X1A

Dear [Redacted]

Two enclosures are forwarded for your use. Enclosure A describes the scope of work which will serve as the guide for developing the equipment for adding a more accurate range measurement to the [Redacted] equipment. Enclosure B is furnished as basic information for your use in arriving at a means for recognizing a range-only radar of the type represented by the [Redacted] and, upon recognition, providing an azimuth DF for the signal.

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It is requested that a proposal be submitted covering the matter described in enclosure A which can be used as the basis for Contract No. DV-516. The objective of the work is to demonstrate the feasibility of providing the range indication in a working model in a time period of no more than two months.

If you are interested in making a proposal relative to enclosure B, please let this be known immediately, followed up by the proposal at the earliest possible date for our consideration.

Thank you very much.

25X1A

Sincerely yours,

[Redacted Signature]

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Enclosures:

A and B

EAD/OSA [Redacted] (15 Feb 63)

Distribution:

O&I - Addressee [Redacted]

25X1A

1 - EAD/OSA

1 - RB/OSA

1 - EAD chrono

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IDEA-1061-63

Copy 9 of 10

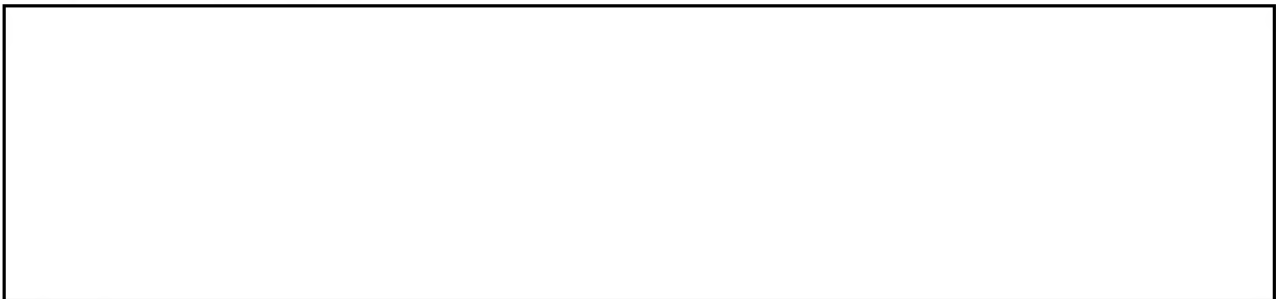
15 Feb 63 10:12 AM

Scope of Work for Adding a Range Indication to

25X1A

The objective of this task is to develop the techniques required 25X1A to provide a reasonably accurate measure of range to equipment. The rough indication of range supplied in the present equipment is not adequate.

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The elevation θ from which the range is derived should be made as insensitive to aircraft attitude as possible, since changes in aircraft attitude would indicate an apparent but not real change in range.

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Range is required over the same azimuth coverage as the equipment.

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Chief, Engineering Analysis Division
EAD-GSA

25X1A

EAD/OSA/ 15 Feb 63)
Distribution:

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- Cy 10 - EAD chrono

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SECRET

SECRET

IDEA-1062

Copy 3 of 3

18 February 1963

25X1A

Dear

The following is the UR information from Det G for the month of January 1963.

1-1. Mag amplifier, Part Number SP-47532-3. Fluctuating and erratic. Replaced with serviceable part.

1-2. Relay K811, Part Number PE-501-1075. Part failed. Replaced with serviceable part.

1-3. Reticle, Part Number PE-152-1010. Loose in housing of Driftsight 110. Replaced with serviceable part.

1-4. S-1 Power Switch, Part Number 730129-76. One set of contacts failed to actuate causing loss of ground. Replaced with serviceable part.

Sincerely,

25X1A

SIGNED

25X1A

MD/OSA-DD/R: (18 Feb 63)

25X1A

Dist: Cy 1 - ADDEE LAC)
2 - MD/OSA-DD/R
3 - RB/OSA-DD/R

SECRET